

## Los vehículos de motor y la contaminación del aire

El condado de Broward tiene registrados alrededor de 1.6 millones de vehículos de motor, y ese número aumenta todos los años! Estos vehículos son la principal fuente de contaminación del aire en el Sur de la Florida. Los vehículos de motor generan contaminación del aire y smog, y afectan la salud agravando los problemas existentes de enfermedades cardíacas y pulmonares, como la bronquitis, el asma y el enfisema. Estos contaminantes también pueden irritar la garganta, provocar dolores de pecho, tos, náuseas y congestión, y generar dificultades respiratorias.

### ¡Hay cosas muy simples que usted puede hacer!

A continuación mencionamos algunas medidas básicas que usted puede tomar para proteger el aire y su salud, y también ahorrar dinero!

- Evite dejar en marcha el motor con el vehículo parado: gasta combustible y dinero, y produce daños tanto al motor como a su salud!
  - Eche gasolina temprano en la mañana o por la noche y no llene el tanque hasta el tope: eso evita que los vapores del combustible se calienten y formen ozono.
  - Conduzca con cuidado: evite las marchas y las maniobras bruscas, utilice el control de velocidad de cruce en las autopistas.
  - Mantenga una presión correcta en los neumáticos: revise el manual del propietario o la etiqueta en el interior de la puerta del conductor para obtener instrucciones sobre la presión apropiada para los neumáticos.
  - Lleve el vehículo a ser inspeccionado (una vez al año): el servicio deberá llevarlo a cabo un mecánico entrenado en las últimas tecnologías de control de emisiones.
- Recuerde, ¡la mejor manera de reducir las emisiones es conduciendo menos!
- Comparta sus viajes con otras personas: combine las salidas para reducir el tiempo de manejo y la contaminación del aire.
  - Tome el autobús o el tren (Tri-Rail).
  - Use la bicicleta, camine o patine cuando pueda hacerlo.

**Para obtener más información, visite [www.broward.org/air](http://www.broward.org/air) o llame al 954-519-1220.**

## Machin ak Polisyon Lè-a

Konte Broward la genyen apeprè 1.6 milyon machin ki anrejistre, epi chif say o kontinye monte chak ane! Lafimen k ap soti nan machin say o, se yo ki anpwazonnen lè-a nan Sid Florid la pi plis. Niaj sal sa a se rezilta tout move lafimen machin yo ap bay. E pou moun ki soufri maladi tankou maladi kè ak maladi poumon tankou bwonchit, opresyon ak anfizèm, li kapab pi grav pou yo. Move lè sa yo kapab irite gòj ou tou, ba w doulè lestomak, fè w touse, ba w kè tounen ak konjesyon, epi rann ou difisil pou respire.

### Men gen bagay senp ou kapab fè!

Men detwa bagay senp ou kapab fè pou pwoteje lè a ak sante w, epi pou ekonomize lajan tou!

- Eseye pa kite machin nan ap mache — sa fè w gaspiye gaz ak lajan epi li domaje e motè a e sante w!
  - Mete gaz lè fè fre epi pa kite gaz la debòde — sa anpeche vapè gaz yo vin cho epi tounen ozòn.
  - Kondui byen — pa agresif sou volan an epi sèvi ak kontwòl kwazyè a sou otowout yo.
  - Met van nan kawotchou w — gade gid itilizatè a oswa etikèt ki nan pòt chofè a pou jwenn direktif sou ki meyè fason pou mete van nan kawotchou yo.
  - Fè sèvis nan machin nan regilyèman (yon fwa pa ane) — se yon teknisyen ki konprann sistèm kontwòl emisyon modèn yo ki pou fè sèvis sa a pou ou.
- Sonje, meyè fason pou redui emisyon se kondui mwens!
- Fè plizyè bagay yon sèl kou — lè ou fè tout komisyon w yon grenn kou, sa fè w kondui mwens epi sa redui polisyon nan lè a.
  - Pran otobis oswa Tri-Rail.
  - Monte bisiklèt, mache oswa wolòsket lè w kapab.

**Pou plis enfòmasyon vizite sit Entènèt nou an nan [www.broward.org/air](http://www.broward.org/air) oswa rele 954-519-1220.**

## Remember, the best way to reduce vehicle emissions is to drive less!

- Take public transit - BCT bus or Tri-Rail.
- Carpool to school, work and social events. Call 1-800-234-RIDE to start a car or van pool.
- Trip-chain - combine errands to reduce driving time and air pollution.
- Drive during off-peak hours.
- Bike, walk or skate whenever you can.

**For more information, call 954-519-1220 or visit [www.broward.org/air](http://www.broward.org/air)**



ENVIRONMENTAL PROTECTION DEPARTMENT  
AIR QUALITY DIVISION

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# CAR CARE AND CLEANER AIR



**TIPS  
TO SAVE YOU MONEY,  
IMPROVE DRIVING SAFETY,  
PREVENT AIR POLLUTION!**



ENVIRONMENTAL PROTECTION DEPARTMENT  
AIR QUALITY DIVISION

## MOTOR VEHICLES AND AIR POLLUTION

Broward County has 1.6 million registered motor vehicles, and that number is increasing every year! These vehicles are the major source of air pollution in South Florida.

## AIR POLLUTION AND YOUR HEALTH

The pollutants emitted into the air by motor vehicles can affect human health. They can aggravate existing health conditions such as heart disease, and lung diseases like bronchitis, asthma and emphysema. These pollutants can also irritate the throat and mucous membranes, trigger chest pains, coughing, nausea and congestion, and make it harder to breathe.



## TIPS TO IMPROVE MILEAGE, REDUCE AIR POLLUTION, AND SAVE MONEY:

- **Minimize Vehicle Idling** - It wastes gas and money, and harms the engine, the air, and you!
- **Drive Smoothly** - Avoid aggressive driving and aggressive starts. Each 5 mph you drive over 60 mph is like paying \$0.10 more per gallon of gas. Use cruise control on highways.
- **Reduce AC Use** - Using the air conditioner increases fuel cost by 13 percent; use the re-circulating air instead.
- **Eliminate Extra Wind Resistance and Weight** - A loaded roof rack increases fuel consumption. Carry the load inside the car if you can. Remove any unnecessary weight from your trunk.
- **Refuel When It's Cool & Don't "Top Off"** - This prevents gas fumes from heating up and forming ozone.
- **Keep Track of Your Gas Mileage** - If mileage is less than you expected, you may need service.
- **Keep Tires Properly Inflated** - Check the owner's manual or the label on the inside of the driver's door for the proper inflation guidelines.

## PROPER VEHICLE MAINTENANCE INCLUDES:

- Check tire pressure in all four tires every two weeks.
- Check and periodically replace air filter, vacuum and coolant hoses, oil, oil filter, fluids and belts.
- Follow the manufacturer's preventative maintenance recommendations for spark plugs, fuel metering system and ignition timing.
- Use the fuel type recommended by the vehicle manufacturer.
- Get regular tune-ups (once a year). Service should be performed by a certified technician who understands modern emissions control systems.



## CAR CARE SAVES YOU MONEY !

If you drive 288 miles per week\* with mileage of 28 miles per gallon,\* and fuel costing \$2.35 per gallon:

- For every week your car is out of tune, you could be wasting between \$0.60 - \$7.00
- Speeding, rapid acceleration and breaking are unsafe and can cost you \$1.00 - \$9.41 per week
- Driving a vehicle that gets 32 mpg rather than 22 mpg can save you about \$7.59 per week
- Replacing a clogged air filter can save you up to \$3.08 per week
- Every 5 mph over 60 mph costs you an additional \$1.00 per week
- If you inflate the tires on your vehicle properly, you can save \$1.00 - \$3.08 per week
- By using the manufacturer's recommended grade of oil, you can save \$0.20 - \$0.39 per week

\*national average

## That adds up to a savings of \$815 - \$1,710 per year!

Driving a smoking vehicle is a violation of Broward County Code and the Florida Clean Outdoor Air Law. If a smoking vehicle is observed by a law enforcement officer or Broward County Natural Resource Enforcement Officer, the owner of the vehicle can be fined up to \$500.

**Report Smoking Vehicles by calling 954-519-1499, or visit [www.broward.org/air/sv.htm](http://www.broward.org/air/sv.htm).**